

NC PARCELS QUICK GUIDE

Working Group for Seamless Parcels

Using the NC Parcel Transformer for
Updating Standardized Parcels

September 28, 2015

Workflow for Updating County Parcels

1. Prepare updated shapefile (with joined table if applicable)
2. Got NCID?
3. Login to Parcel Transformer
4. Transform parcels
5. Download Job; check results

1. Prepare Updated Shapefile

- Does typical published parcels shapefile have most of the fields defined in the target schema?
- If yes, it is ready to be selected from your computer or network.
- If no, join a table with additional fields and export to shapefile.

2. NCID

- Contact a county NCID administrator – it does not matter which department; NCID is one flavor.
- See list https://www.ncid.its.state.nc.us/NCID_County_gov_map.asp
- Administrator will help you submit an application for NCID and get a user name and password.

NCID

- Contact NCID by phone for **higher priority** requests.
Phone: **919-754-6000** or toll free at **1-800-722-3946**
- Contact NCID by email for **noncritical** issues.
Email: its.incidents@its.nc.gov

3. Access to the Parcel Transformer

- Go to <https://nc.carboncloud.net>
- Register your NCID with the Parcel Transformer
- The Transformer user administrator will approve your role as data manager for your county parcels
- You will receive notice of approval

- After registration (once)
- Login to Parcel Transformer with NCID user name and password

[Home](#)

Welcome to the North Carolina Integrated Cadastral Data Exchange

Taking Parcel Data to a New Level

Explore

Explore data on a map.

Groups

Manage groups, and everything associated with a group.

User Links

Coming soon..

Access to this application requires an NCID that is registered with the application.

Username:

Password:

[I need help with an account](#)



Welcome to the North Carolina Integrated Cadastral Data Exchange

Taking Parcel Data to a New Level

Access to this application requires an NCID. Use NCID credentials to register.

Your NCID



Username:

jpbrown

Password:

.....

Confirm Password:

.....

Email:

jeff.brown@nc.gov

Additional Info:

|

Register



Home



Welcome to the North Carolina Integrated Cadastral Data Exchange

Taking Parcel Data to a New Level

Registration Successful

Thank you for registering. You will be notified via email when your account has been approved.

OK

Password:

Confirm Password:

Email:

jeff.brown@nc.gov

Additional Info:

Register



Welcome to the North Carolina Integrated Cadastral Data Exchange

Taking Parcel Data to a New Level

Access to this application requires an NCID that is registered with the application.

Username: jpbrown

Password:

Login

Register

I need help with an account



4. Transform Parcels

Go to Groups / Parcels / Counties

Select your county

Transform

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Manage groups, and everything associated with a group.



User Links

Coming soon..

[Home](#) / [Groups](#)

Groups

Parcel Points

North Carolina parcel data centerpoints

Parcels

North Carolina parcel data



[Home](#) / [Groups](#) / Group Details

Group Details [Parcels]

[← Export](#) [→ Import](#) [📄 Clone](#) [✎ Edit](#) [✖ Delete](#)[General](#) [Fields](#) [Lookups](#) [Counties](#)

Field	Value
Id	1
Name	parcels
Title	Parcels
Description	North Carolina parcel data
Prefix	nc
Namespace	http://nc.carboncloud.net
Projection	EPSG:2264
ReadOnly	False
Validated	False
Transformable	True
Subgroup Name	County
Subgroup Plural	Counties

[Home](#) / [Groups](#) / Group Details

Group Details [Parcels]

[← Export](#) [→ Import](#) [📄 Clone](#) [✎ Edit](#) [🗑 Delete](#)[General](#) [Fields](#) [Lookups](#) [Counties](#)Filter: X[+ Create County](#)

Alamance County

Alamance County

Alexander County

Alexander County

Alleghany county

Alleghany county

Anson County

Anson County

Ashe County

Ashe County

Avery County

Avery County

Beaufort County

Beaufort County

Bertie

Bertie

Bladen Country

Bladen Country

Brunswick

Brunswick

Buncombe

Buncombe

Burke

Burke

Cabarrus County, NC

Cabarrus County, NC

Caldwell

Caldwell County, NC

Camden

Camden County

Carteret

Carteret

[Home](#) / [Groups](#) / [Group \[Parcels\]](#) / County Details

County Details [Lee County]

[Manage](#) [Transform](#) [Test](#) [Edit](#) [Delete](#)[General](#) [Fields](#) [Jobs](#)

Field	Value
Id	9
Name	lee
Title	Lee County
Projection	EPSG: 2264



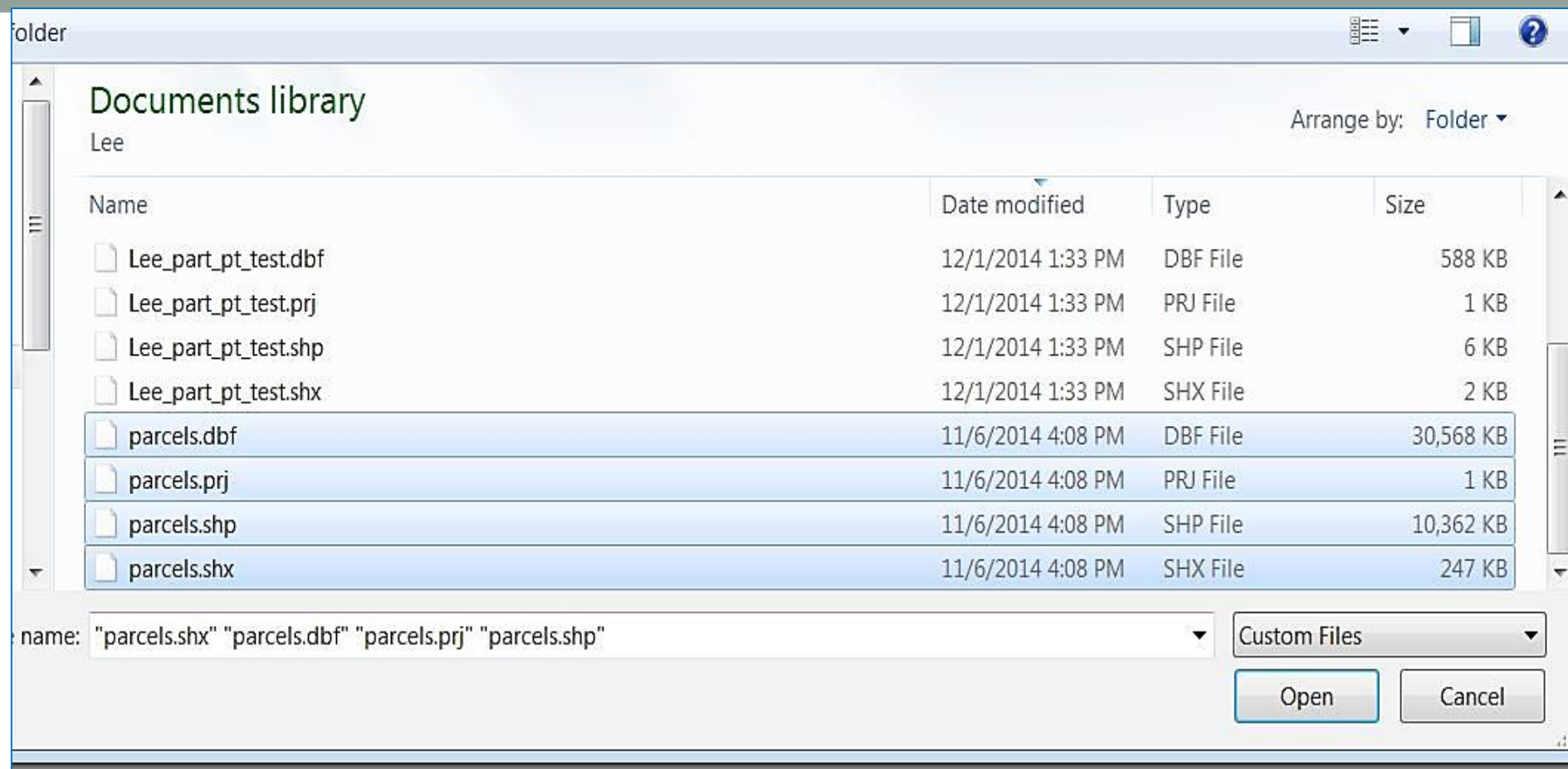
[Home](#) / [Groups](#) / [Group Details \[Parcels\]](#) / [County Details \[Lee County\]](#) / [Run Transform Job](#)

Run transform job for [Parcels : Lee County]

[Select Files](#)[Clear Files](#)

Filename	Size (mb)	Last Modified
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[Submit](#)



[Home](#) / [Groups](#) / [Group Details \[Parcels\]](#) / [County Details \[Lee County\]](#) / Run Transform Job

Run transform job for [Parcels : Lee County]

[Select Files](#) [Clear Files](#)

Filename	Size (mb)	Last Modified	
parcels.dbf	31.30	11/06/2014 04:08:35 PM	×
parcels.prj	0.00	11/06/2014 04:08:35 PM	×
parcels.shp	10.61	11/06/2014 04:08:35 PM	×
parcels.shx	0.25	11/06/2014 04:08:35 PM	×

[Submit](#)

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Home / Groups / Group Details [Parcels]

Run transform job for [Parcels]

Uploading files and creating job

Uploading file: **parcels.dbf**

0%

Total Progress

0%

Started: 12/17/2014 10:23:51 AM

Elapsed: 00:00:07

Filename			
parcels.dbf			×
parcels.prj			×
parcels.shp			×
parcels.shx	0.25	11/06/2014 04:08:35 PM	×

Select Files Clear Files

Submit

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Home / Jobs / Job Details /

Job Details

Information	
Field	Value
Job Id	65
Job Type	Transform
Timestamp	12/5/2014 2:57:15 PM
Expiration	12/4/2024 2:57:15 PM
Group	Parcels
County	Lee County

Status

Running

Files

No Files

[Home](#) / [Jobs](#) / [Job Details](#) /

Job Details

Information

Field	Value
Job Id	65
Job Type	Transform
Timestamp	12/5/2014 2:57:15 PM
Expiration	12/4/2024 2:57:15 PM
Group	Parcels
County	Lee County

Status

☐ Transformed[Publish](#)

Files

[2_1_12192014195759.zip](#)

5. Download Job; Check Results



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Job Details

Information

Field	Value
Job Id	65
Job Type	Transform
Timestamp	12/5/2014 2:57:15 PM
Expiration	12/4/2024 2:57:15 PM
Group	Parcels
County	Lee County

Status

☐ Transformed[Publish](#)

Files

[2_1_12192014195759.zip](#)

Open output shapefiles in GIS

- Check number of records
- Fields populated as expected
- If the output looks fine, you are done
- CGIA will check for translation quality and update the data in NC OneMap
- Do not click on “publish” – CGIA will click the “publish” button to send to the CarbonCloud after QC

If you get errors in the error report...

- If a field name has changed or if you are adding a new field for translation, contact the project team for instructions.
- The process of fixing the translations is not difficult, it just takes a few steps, not included in this Quick Guide.

NC Parcels Project Team Contacts:

pcarver@hendersoncountync.org

tmorgan@sosnc.com

jbridgers@sosnc.com

jeff.brown@nc.gov

NC Parcel Transformer: <https://nc.carboncloud.net>

NC OneMap: <http://data.nconemap.gov>

The REST map service:

http://services.nconemap.gov/arcgis/rest/services/NC1Map_Parcels/MapServer

The REST feature service:

http://services.nconemap.gov/arcgis/rest/services/NC1Map_Parcels/FeatureServer

WMS map service:

http://services.nconemap.gov/arcgis/services/NC1Map_Parcels/MapServer/WmsServer

And the downloadable zipped shapefiles:

<http://data.nconemap.gov/downloads/vector/parcels/>